

Amendments to the Specification:

Please amend the title of the application to read as follows:

~~--ROAD ANTENNA CONTROLLED ON THE BASIS OF RECEIVING RATE~~
APPARATUS INCLUDING LASER-BEAM EMITTING DEVICE--

Before the heading "SUMMARY OF THE INVENTION", on page 10, line 18, on a new line, please insert the following new paragraph:

--FIG. 38 shows an example communications area formed by a radio wave emitted from the road antenna. As indicated, the oblique line shading represents the signal strength of the radio waves. The signal is strongest in the lane of interest (6) and weak or nonexistent in the adjacent lanes (6L, 6R). When a roof-like structure is present, as shown in FIG. 39, the radio wave is reflected off of a roof-like structure (11). FIG. 40 illustrates the effective mirror-image antenna (4i) position produced by the reflection of the transmission of the antenna (4) by the roof-like structure. As shown in FIG. 41, since the mirror-image antenna (4i) is located higher than the antenna (4), this results in an undesirable larger communications area which encompasses the lane of interest (6) and the adjacent lanes (6L,6R).--

Please amend the paragraph on page 30, lines 11-19, as follows:

--In the present embodiment, at the time of installation of the road antenna 104, a laser-beam receiving device 115 is situated at the predetermined ~~shot position~~ target mark 13 on the road R for receiving the laser beam emitted from the laser-beam emitting device 111. The laser-beam receiving device 115 is connected to the controller 112. In other

respects, the road antenna according to the present embodiment is identical in structure with that employed in the first embodiment.--

Please amend the paragraph beginning on page 37, line 24 and ending on page 38, line 11, as follows:

--The receiving section 302 is disposed at an arbitrary location in the lane 363 shown in [FIG. 35] FIGS. 12A and 12B and performs a receiving operation. In FIG. 10, a high-frequency signal received by the antenna 321 is converted into an intermediate frequency by means of the frequency conversion means 322, and the intermediate frequency is demodulated into an ASK (amplitude shift keying) signal by the ASK demodulation section 323. The thus-demodulated signal is converted into digital data by the demodulator 324a of the decode section 324. Simultaneously, the receiving rate determination means 324b determines, on a per-frame basis, whether or not the received signal is correct transmission data.--

Please amend the paragraph on page 50, lines 14-18 as follows:

--More specifically, a warning signal [580] is sent to the transmission section [537] 517 of the on-vehicle radio device 502 mounted in the vehicle 501, wherewith the on-vehicle radio device issues a warning message, to thereby urge a driver to reduce the travel speed.--

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Amendments to the Drawings:

The attached sheets of drawings includes changes to Figs. 2, 10 and 21. These sheets which includes Figs. 1-2, 10 and 21, replaces the original sheets including Figs. 1-2, 10 and 21.

Attachment: Replacement Sheets (3)

Annotated Sheet Showing Changes (3)